	Туре	L #	Hits	Search	Text	DBs	Time Stamp
1	BRS	L1	1	watercolor and	brushstroke	USPAT	2002/04/29 14:33
2	BRS	L2	1	watercolorizati	on	USPAT	2002/04/29 14:34
3	BRS	L3	0	watercolor and	brushstroke		2002/04/29 14:33
4	BRS	L4	0	watercolorizati	on	•	2002/04/29 14:44
5	IS&R	L5	1	("5966134").PN.		USPAT	2002/04/29 14:52
6	BRS	L6	44920	345/\$.ccls. or	382/\$.ccls.	USPAT	2002/04/29 14:52
7	BRS	ь7	1133	6 and painting		USPAT	2002/04/29 14:53
8	BRS	L8	108	6 and painting	same brush\$	USPAT	2002/04/29 14:53
9	BRS	L9	23	6 and painting adj stroke or b		USPAT	2002/04/29 14:54
10	BRS	L10	2	van adj gough		USPAT	2002/04/29 15:10
11	BRS	L11	442	6 and skeleton\$	3	USPAT	2002/04/29 15:10
12	BRS	L12	20	11 and painting	J	USPAT	2002/04/29 15:10

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	Туре	L #	Hits	Search Text	DBs	Time Stamp
1	BRS	L1	75	van adj gogh	USPAT	2002/04/29 12:04
2	BRS	L2	0	van adj gogh same brushstroke	USPAT	2002/04/29 12:05
3	BRS	L3	0	van adj gogh and brushstroke	USPAT	2002/04/29 12:05
4	BRS	L4	1	van adj gogh and brush adj stroke	USPAT	2002/04/29 12:33
5	BRS	L5	0	skeleton\$ same brushstroke	USPAT	2002/04/29 12:33
6	BRS	L6	587	skeleton\$ same image	USPAT	2002/04/29 12:49
7	BRS	L7	20	skeleton\$ same image and painting	USPAT	2002/04/29 12:47
8	BRS	L8	4	skeleton\$ same image and (paint adj brush or paintbrush)	USPAT	2002/04/29 12:50
9	BRS	L9	796	skeleton\$ same image	:	2002/04/29 12:51
10	BRS	L10	2	skeleton\$ same image and (brush adj stroke or brushstroke)		2002/04/29 12:51
11	BRS	L11	2	skeleton\$ same image and (painting or paint adj brush or paintbrush or brush adj stroke or brushstroke)	•	2002/04/29 12:52

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Ronny Lempel , Aya Soffer

ACM Transactions on Information Systems (TOIS) January 2002 Volume 20 Issue 1

We describe PicASHOW, a fully automated WWW image retrieval system that is based on several link-structure analyzing algorithms. Our basic premise is that a page p displays (or links to) an image when the author of p considers the image to be of value to the viewers of the page. We thus extend some well known link-based WWW page retrieval schemes to the context of image retrieval. PicASHOW's analysis of the link structure enables it to retrieve relevant images even when those ...

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■ TicTacToon

| Jean-Daniel Fekete, Érick Bizouarn, Éric Cournarie, Thierry Galas,

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Proceedings of the 22nd annual conference on Computer graphics and interactive techniques September 1995

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TicTacToon: a paperless system for professional 2D animation

Authors
Jean-Daniel Fekete
Érick Bizouarn
Éric Cournarie
Thierry Galas
Frédéric Taillefer

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Pages: 79 - 90 Series-Proceeding-Article

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↑ INDEX TERMS

Primary Classification:

I. Computing Methodologies

I.3 COMPUTER GRAPHICS

I.3.7 Three-Dimensional Graphics and Realism

Subjects: Animation

Additional Classification:

H. Information Systems

+.5 INFORMATION INTERFACES AND PRESENTATION (I.7)

H.5.1 Multimedia Information Systems

Subjects: Animations

I. Computing Methodologies

→ I.3 COMPUTER GRAPHICS

C→ I.3.6 Methodology and Techniques

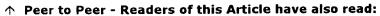
Subjects: Interaction techniques

General Terms:

Design, Human Factors, Performance, Theory

Keywords:

2D animation, cel animation, vector-based sketching



Visual simulation of smoke

Proceedings of the 28th annual conference on Computer graphics and interactive techniques

Ronald Fedkiw, Jos Stam, Henrik Wann Jensen

Recognizing and interpreting diagrams in design

Proceedings of the workshop on Advanced visual interfaces

Mark D. Gross

Replacing usability testing with user dialogue **Communications of the ACM** 42, 5 Jacob Buur, Kirsten Bagger

Practical animation of liquids

Proceedings of the 28th annual conference on Computer graphics and interactive techniques

Nick Foster, Ronald Fedkiw

Rendering and animation of gaseous phenomena by combining fast volume and scanline A-buffer techniques

ACM SIGGRAPH Computer Graphics 24, 4

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DOCUMENT-IDENTIFIER: US 5734756 A
TITLE: Methods and apparatus for reproducing a gray scale
raster represented
elongate graphic image including vectorizing a skeleton of
the image by
determining a midpoint between two detected endpoints of
the image

----- KWIC -----

TTL:

Methods and apparatus for reproducing a gray scale raster represented elongate graphic image including vectorizing a skeleton of the image by determining a midpoint between two detected endpoints of the image

BSPR:

Further in accordance with a preferred embodiment of the present invention the physical operation includes painting.

DEPR:

PROCESS 70: The periphery of the binarized graphic image is eroded until what remains is a generally one-pixel wide skeleton, although, at junctions, the skeleton is typically more than one pixel wide. The skeleton pixels are marked as such in the raster image.

DEPR:

PROCESS 90: The centerpoints, also termed herein "midpoints", of the gray image are now computed. For each skeleton pixel, the centerpoint of the gray image horizontal line on which the skeleton pixel resides is computed and/or the centerpoint of the gray image vertical line on which the skeleton pixel resides is computed. The output centerpoint, for that skeleton pixel, is the centerpoint of the shorter of the horizontal and vertical lines.

DEPR:

If the gray image horizontal or vertical line, for an individual skeleton pixel, is longer than the average width computed in process 60 then no centerpoint is computed because the skeleton pixel, in this case, is assumed to be a junction pixel. Therefore, the output of this process is a plurality of distinct sets of points. It is appreciated, however, that the above criterion for determining whether a skeleton pixel belongs to a junction is not the only suitable criterion.

CLPR:

9. A method according to claim 5 wherein the physical operation comprises painting.